

Category 1 Standard

1-133 Premises - stairways and ramps

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MAYOR OF LONDON



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1 Purpose

- 1.1 The purpose of this Standard is to define the performance requirements for stairways, stairs, fixed ladders, ramps and handrails in all operational LU premises and property.

2 Scope

- 2.1 This Standard applies to new and altered public stairways, temporary stairways, fire escape stairways, non-public stairways, fire fighting stairways, fixed ladders, public ramps, non-public ramps, fire escape ramps and temporary ramps.
- 2.2 This standard replaces 1-133 A7.

3 Requirements

3.1 General Requirements

- 3.1.1 Stairways, stairs, fixed ladders, ramps and handrails shall comply with the Building Regulations and relevant British Standards. Where any conflicts arise between the Building Regulations and this Standard, compliance with this Standard shall take precedence except where a breach in the Law would arise.
- 3.1.2 Stairways and ramps shall be designed for the location in which they are to be installed. Generally within LU premises this will mean one of four categories or types of requirements:
- a) Public – All locations where the customers have access and where the minimum standard is defined in BS 5395-1 and BS 8300. Spatial requirements for public stairways and ramps are defined in LU Category 1 Standard 1-371.
 - b) Staff – Back of house locations where the minimum standard is defined in the current Building Regulations.
 - c) Escape – A stair designed solely as a means of escape where the minimum standard is defined in Approved Document Part B of the current Building Regulations.
 - d) Maintenance – A stair / ladder / ramp designed solely for access to assets for maintenance purposes where the minimum standard is defined in BS ISO 14122.
- 3.1.3 Stairways and ramps shall be fit for purpose.

3.2 Public Stairs

- 3.2.1 New curved or spiral stairs shall not be used except where replacing a pre-existing facility.
- 3.2.2 Heavy Duty London Transport (HDLT) pattern stair nosing as detailed in Attachment 1 have been traditionally used on public access stairs in LU premises. However, this style does not comply with the requirements of BS 5395-1 and BS 8300 and may only be used for the maintenance of existing stairs. Alternative designs may be used provided the inherent slip resistance and durability of the traditional inserts can be achieved.

Note: BS 5395-1 and BS 8300 require a visual contrast to each tread of 50mm to 65mm and each riser of 30mm to 55mm for the full width of the stair.